Lesson Plans
Mr. Carbonella
Week of: April 25th-April 29th
Homework and due dates subject to change. Attend class daily to find updated homework assignment or send me an email if you are absent.
Email me for homework assignments if you are absent and wish to work on the homework (mcarbonella@libertychristian.org)

SUBJECT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Algebra 1	Review of Solving systems Objective: THE STUDENT WILL BE ABLE TO REVIEW SOLVING SYSTEMS BY SUBSTITUTION AND ELIMINATION. **HW: Solving systems worksheets**	Solving special systems Objective: THE STUDENT WILL BE ABLE TO CLASSIFY SYSTEMS OF EQUATIONS. **GP: pg353 #2-7 HW: pg353 #12-19all 24-30even**	Solving special systems Objective: THE STUDENT WILL BE ABLE TO LABEL EACH SYSTEM OF EQUATION. **Inclass: workbook 6.4**	Applying systems Objective: THE STUDENT WILL BE ABLE TO APPLY SYSTEMS OF EQUATIONS IN STORY PROBLEMS. **GP: pg359 #1-3 HW: pg359 #4-19, 22-32**	**Quiz: Solving special systems** Applying systems Objective: THE STUDENT WILL BE ABLE TO SOLVE STORY PROBLEMS. **INTRODUCE MATH PROJECT! HW: Workbook 6.5**
Algebra 2	Counting and Permutations Objective: THE STUDENT WILL BE ABLE TO USE THE FUNDAMENTAL THEOREM OF COUNTING TO DETERMINE HOW MANY WAYS A DECISION CAN BE MADE. **GP: pg610 #6-7, 10-11 HW: pg611 #8-9, 12-26**	Counting and Permutations Objective: THE STUDENT WILL BE ABLE TO ASSESS THE VALUE OF ORDER IN CHOOSING OPTIONS. **GP: Lesson activity 11.2 HW: Practice and apply 11.2**	Special Permutations Objective: THE STUDENT WILL BE ABLE TO FIND THE NUMBER OF DISTINCT PERMUTATIONS WITH LIKE OBJECTS. **Inclass: Practice and apply 11.3**	Special Permutations Objective: THE STUDENT WILL BE ABLE TO FIND SOLUTIONS TO CIRCULAR PERMUTATIONS. **GP: pg615 #5-13 HW: pg615 #14-24**	**Quiz: Counting and Permutations** Probability casino activity

Pre-Calculus/AP Calculus AB	Pre-Cal: Determining Probabilities Objective: THE STUDENT WILL BE ABLE TO ESTIMATE PROBABILITY USING EXPERIMENTAL METHODS. **GP: pg882 #1-4 HW: pg882 #5-13** Cal: **HW: Practice AP test 3 section 1 part a**	Pre-Cal: Determining Probabilities Objective: THE STUDENT WILL BE ABLE TO USE PERMUTATIONS AND COMBINATIONS. **GP: pg883 #14-21 HW: pg883 #22-35** Cal: **HW: Practice AP test 3 section 1 part b**	Pre-Cal: Normal Distributions Objective: THE STUDENT WILL BE ABLE TO DRAW A NORMAL DISTRIBUTION CURVE. **Inclass: pg986 #1-10** Cal: **Inclass: Practice AP Test 3 section 2 part a**	Pre-Cal: Normal Distributions Objective: THE STUDENT WILL BE ABLE TO USE EMPERICAL RULE TO DRAW CONCLUSIONS ABOUT STD DEV AND MEAN. **GP: pg897 #11-15 HW: pg897 #16-29** Cal: **Inclass: Practice AP Test 3 Section 2 Part b**	Pre-Cal: Review for Test **HW: Review sheets** Cal: **HW: Practice Problem Set 2 pg21**
Physics	Simple Vibrations Objective: THE STUDENTS WILL BE ABLE TO UNDERSTAND HOW VIBRATIONS AND EARTHQUAKES FUNCTIONS. **GP: WAVES WORKSHEET HW: pg346 #1-5; pg348 #1-8**	The Pendulum Objective: THE STUDENTS WILL BE ABLE TO SEE THE FORCES ACTING ON A PENDULUM. **GP: Springs and Swings worksheet HW: pg346 #6-13; pg349 #9-10**	**Lab: Sound Waves**	Resonance Objective: THE STUDENT WILL BE ABLE TO SEE THE EFFECTS OF RESONANCE AT CERTAIN FREQUENCIES. **GP: Blue November Worksheet HW: pg346 #14-18**	**Video: Tsunami Inclass: Tsunami Worksheet INTRODUCE PHYSICS PROJECT!**

FST	Fundamentals Definitions of Probabilities Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND SOME BASIC PRINCIPLES OF PROBABILITY. **GP: Practice and apply worksheet 11.1 HW: pg180 #4-10**	The fundamental counting principle Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND HOW BASIC COUNTING PRINCIPLES FUNCTION. **GP: pg187 #1-4 HW: pg187 #6-8**	The fundamental counting principle Objective THE STUDENT WILL BE ABLE TO PRACTICE MORE ON FUNDAMENTALS OF COUNTING. **Inclass: pg188 #9-11**	Addition and subtraction probabilities Objective: THE STUDENT WILL BE ABLE TO DISTINGUISH BETWEEN AND/OR STATEMENTS. **GP: pg193 #2-4 HW: pg193 #5-13**	**Quiz: Fundamentals of Definitions of Probabilities** Probability casino activity
Study Hall	Study Logs	Study Logs	Study Logs	Study Logs	Study Logs